

**Amendments to the Specification:**

On page one, at the beginning of the text please enter the following:

This is a divisional of Application No. 09/965,485, filed September 27, 2001, now U.S. Patent 6,759,127.

Amend the paragraph beginning at page 4, line 7 to read as follows:

After the fabric has been scoured and rinsed, the scoured material may then be subjected to a chemical treatment step. The chemical treatment of ~~some embodiments~~ of the present invention comprises exposing the inherently FR textile material to an aqueous solution of a wetting agent and a flame retardant and one or more of: an antimicrobial agent, a water repellant agent, or a soil resistance agent.

Please replace Table 1 on page 7 with the following amended Table 1:

Table 1:

<b><u>Warp Yarn of the fabric:</u></b>	150/60 SD RD TEXT SET AVORA FR <sup>TM</sup> POLYESTER				
<b><u>Fill Yarn of the fabric</u></b>	2/150/60 SD RD TEXT SET AVORA FR <sup>TM</sup> POLYESTER				
<b><u>Ends/inch:</u></b>	60	<b><u>Picks/inch:</u></b>	38	<b><u>Weight:</u></b>	5.5 <del>oz</del> ounces per square yard

Amend the paragraph beginning at page 9, line 15 to read as:

As taught by the Kosa, "AVORA<sup>TM</sup> FR" publication, the inherently flame resistance properties of the AVORA<sup>TM</sup> fabric degrade after a post-weave chemical treatment. However, the present inventor has found that if a flame retardant is added during the chemical treatment

process, the fabric retains a flame resistance substantially similar to untreated inherently flame resistance fabric. ~~In certain cases the flame retardant is not required to be added to the chemical treatment.~~"

Please replace the paragraph on page 14, lines 7 through page 15, line 14 with the following amended paragraphs:

Accordingly, ~~Trevira CS~~ TREVIRA CS™ fibers was also tested in a woven fabric having the following construction:

<u>Warp</u>		<u>Filling</u>	
Denier	165	Denier	165
Filaments	64	Filaments	64
X-section	trilobal	X-section	trilobal
Luster	bright	Luster	bright
Textured	no	Textured	no
Fiber	polyester	Fiber	polyester

Without finishing the fabric had these NFPA 701 Burn Test Results:

	% Weight Loss	Afterburn < 2 sec.	An additional sample of
<b>Warp</b>	9.3 %	Afterflame < 2 sec. Pass	
<b>Fill</b>	10.9%	Pass	

Trevira CS of the same construction was finished with:

Chemical Name	General Description	Treatment	Amount
ZONYL 7040	Fluorochemical	Fluid/Stain Repellent	30 g/400 mL
AEM 5700	Organosilane	Antimicrobial	4 g/400 mL

The fabric was dried through exposure to 375° F for 1 minute in a hot air oven. The pad pressure was 6 psi and the air flow set at 100%.

The finished fabric was tested with these results:

Characteristic Tested	Test Method	Units	Results
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Flammability	NFPA 701-1996 Edition	% Weight Loss & Afterburn Time	Warp – 12.6 % Afterflame < 2 sec. Passed
			Fill – 10.4 % Afterflame < 2 sec. Passed
Fluid Repellency	AATCC Test 22	Spray Rating	100
Presence of Antimicrobial agent	Bromo Blue Internal PFG	Pass/Fail	Pass

It should now be understood by those skilled in the art that the amounts and ratios of the chemical treatment compositions as well as the type of treatment desired may be varied depending on the desired result of the chemical coating treatment. It should also be understood that all such modifications and improvements have been deleted herein for the sake of conciseness and readability but are properly within the scope of the following claims.